

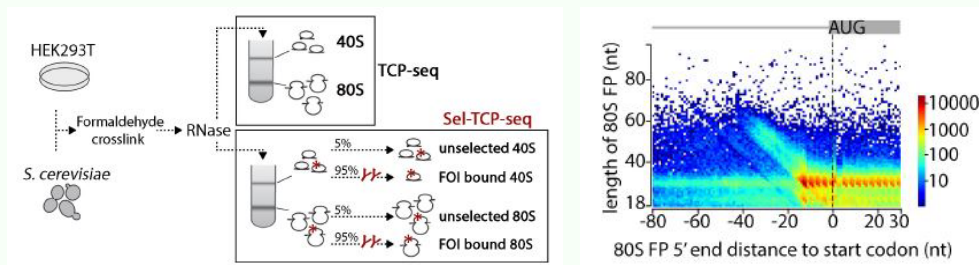
The fate of translation factors on eukaryotic ribosomes seen via the current state-of-art techniques.

WHO we ARE

We are a closely cooperating international team of forever young researches and students who enjoy solving tough scientific questions concerning regulation of gene expression while having fun at the same time. Our Laboratory of Regulation of Gene Expression at the Institute of Microbiology CAS in Prague is supported by several grants from the Czech Grant Agency including the Expro Grant of Excellence.

WHAT we OFFER

We wish to fill one or two PhD/post-doc positions in the area of regulation of translational control. **Research projects will focus on studying the role of various factors in translation initiation and termination under various stress conditions in yeast and humans** using the current state-of-art techniques, such as for example ribo-seq, CRISPR-CAS, as well as our recently developed Sel-TCP-seq assay (for more details see <https://www.biorxiv.org/content/10.1101/806125v1>). The successful applicant(s) will develop a new research project aiming to describe novel mechanisms of translational control in eukaryotes.



WHO are WE looking FOR?

We are looking for a highly motivated and ambitious PhD student(s) and/or post-doc(s) with a great deal of experience in various techniques of molecular biology, biochemistry, genetics, and bioinformatics, and a broad knowledge of the field of regulation of gene expression; curiosity, self-motivation, healthy ambition and self-confidence, team working skills, easy going personality, and writing and communication skills in English are also very welcome.

INteREstED?

Please visit us at <http://www.biomed.cas.cz/mbu/lrge/> and contact Leoš Shivaya Valášek (valasekl@biomed.cas.cz). Thank you.